

Recombinant Monkey CD19 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD19-159CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Rhesus macaque CD19(Pro 20 - Lys 292), fused with Fc of Human IgG1 at C-terminal, was expressed in HEK293.
Species	Monkey
Source	HEK293
ProteinLength	Pro20-Lys292
Form	Lyophilized
Molecular Mass	Has a calculated MW of 56.7 kDa. DTT-reduced Protein migrates as 66-100 kDa in SDS-PAGE due to glycosylation.
N-terminal Sequence Analysis	Pro 20
Endotoxin	< 1.0 EU/ µg of the Rhesus Macaque CD19 Fc Chimera by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

Storage

Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

Storage Buffer

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Conjugation

Alexa Fluor 555

GENE INFORMATION

Gene Name

CD19 CD19 molecule [Homo sapiens]

Official Symbol

CD19

Synonyms

CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802;

Gene ID

930

mRNA Refseq

NM_001178098

Protein Refseq

NP_001171569

MIM

107265

UniProt ID

P15391

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